

Analytica Chimica Acta 400 (1999) 433-435

ANALYTICA CHIMICA ACTA

www.elsevier.com/locate/aca

Author Index

Achterberg, E.P.

- and Braungardt, C.

Stripping voltammetry for the determination of trace metal speciation and in-situ measurements of trace metal distributions in marine waters 381

Alonso, J.I.G., see Marchante-Gayón, J.M. 307

Alonso, M.C.

- and Barceló, D.

Tracing polar benzene- and naphthalenesulfonates in untreated industrial effluents and water treatment works by ion-pair chromatography-fluorescence and electrospray-mass spectrometry 211

Arruda, M.A.Z., see Zagatto, E.A. 249

Barceló, D., see Alonso, M.C. 211

Bond, A.M.

200 years of practical electroanalytical chemistry: past, present and future directions illustrated by reference to the on-line, on-stream and off-line determination of trace metals in zinc plant electrolyte by voltammetric and potentiometric techniques 333

Bornhop, D.J., see Swinney, K. 265

Braungardt, C., see Achterberg, E.P. 381

Buydens, L.M.C., see Wehrens, R. 413

Chan, K.C., see Liu, H. 181

Chang, W., see Wang, X. 135

Cho, B.-Y., see Liu, H. 181

Cohen, S., see Liu, H. 181

Dahlgren, R.L.

-, Page, J.S. and Sweedler, J.V.

Assaying neurotransmitters in and around single neurons with information-rich detectors 13

Davies, M.C., see Pope, L.H. 27

Doherty, S., see Seitz, W.R. 55

Fang, Z.-L.

Trends of flow injection sample pretreatment approaching the new millennium 233

Faurie, R., see Scheper, T. 121

Gazaryan, I., see Gorton, L. 91

Gelder, R. de, see Wehrens, R. 413

Gooijer, C.

- and Mank, A.J.G

Laser spectroscopy in analytical chemistry: light on the next millennium 281

Gorton, L.

—, Lindgren, A., Larsson, T., Munteanu, F.D., Ruzgas, T. and Gazaryan, I.

Direct electron transfer between heme-containing enzymes and electrodes as basis for third generation biosensors 91

Hankins, J., see Swinney, K. 265

Haswell, S.J.

- and Walmsley, A.D.

Chemometrics: the issues of measurement and modelling 399 Hitzmann, B., see Scheper, T. 121

Hou, T.

-, MacNamara, E. and Raftery, D.

NMR analysis of multiple samples using parallel coils: improved performance using reference deconvolution and multi-dimensional methods 297

Irgum, K., see Jonsson, T. 257

Issaq, H.J., see Liu, H. 181

Iwuoha, E.I., see Killard, A.J. 109

Jia, M., see Koziel, J. 153

John, R., see Killard, A.J. 109

Jonsson, T.

- and Irgum, K.

Very fast peroxyoxalate chemiluminescence 257

Kaval, N., see Seitz, W.R. 55

Kemperman, G.J., see Wehrens, R. 413

Kennedy, R.T.

Bioanalytical applications of fast capillary electrophoresis 163

Khaled, A., see Koziel, J. 153

Killard, A.J.

—, Zhang, S., Zhao, H., John, R., Iwuoha, E.I. and Smyth, M.R. Development of an electrochemical flow injection immunoassay (FIIA) for the real-time monitoring of biospecific interactions 109

Koziel, J.

-, Jia, M., Khaled, A., Noah, J. and Pawliszyn, J.

Field air analysis with SPME device 153

Krull, I.S., see Liu, H. 181

Krull, U.J., see Piunno, P.A.E. 73

Larsson, T., see Gorton, L. 91

Laughton, C.A., see Pope, L.H. 27

Lenda, J., see Seitz, W.R. 55

Li, Y., see Wang, X. 135

Lindgren, A., see Gorton, L. 91

Liu, H.

—, Cho, B.-Y., Strong, R., Krull, I.S., Cohen, S., Chan, K.C. and Issaq, H.J.

Derivatization of peptides and small proteins for improved identification and detection in capillary zone electrophoresis (CZE) 181

Łobiński, R.

- and Szpunar, J.

Biochemical speciation analysis by hyphenated techniques 321 Lunte, C.E., see Song, Y. 143

MacNamara, E., see Hou, T. 297

Mank, A.J.G, see Gooijer, C. 281

Marchante-Gayón, J.M.

-, Muñiz, C.S., Alonso, J.I.G. and Sanz-Medel, A.

Multielemental trace analysis of biological materials using double focusing inductively coupled plasma mass spectrometry detection 307

Markov, D., see Swinney, K. 265

Masujima, T.

Visualized single cell dynamics and analysis of molecular tricks 33

McNamara, K.P., see Nguyen, T. 45

Miele, E.W., see Seitz, W.R. 55

Milde, S., see Seitz, W.R. 55

Muñiz, C.S., see Marchante-Gayón, J.M. 307

Munteanu, F.D., see Gorton, L. 91

Nguyen, T.

-, McNamara, K.P. and Rosenzweig, Z.

Optochemical sensing by immobilizing fluorophore-encapsulating liposomes in sol-gel thin films 45

Noah, J., see Koziel, J. 153

Oliveira, C.C., see Zagatto, E.A. 249

Page, J.S., see Dahlgren, R.L. 13

Pawliszyn, J., see Koziel, J. 153

Piunno, P.A.E.

-, Watterson, J., Wust, C.C. and Krull, U.J.

Considerations for the quantitative transduction of hybridization of immobilized DNA 73

Pope, L.H.

—, Davies, M.C., Laughton, C.A., Roberts, C.J., Tendler, S.J.B. and Williams, P.M.

Intercalation-induced changes in DNA supercoiling observed in real-time by atomic force microscopy 27

Ríos, A., see Valcárcel, M. 425

Raftery, D., see Hou, T. 297

Reardon, K.F., see Scheper, T. 121

Reis, B.F., see Zagatto, E.A. 249

Roberts, C.J., see Pope, L.H. 27

Rooney, M.T.V., see Seitz, W.R. 55

Rosenzweig, Z., see Nguyen, T. 45

Runnels, P., see Wightman, R.M. 5

Ruzgas, T., see Gorton, L. 91

Sanz-Medel, A., see Marchante-Gayón, J.M. 307

Sartini, R.P., see Zagatto, E.A. 249

Scheper, T.

—, Hitzmann, B., Stärk, E., Ulber, R., Faurie, R., Sosnitza, P. and Reardon, K.F.

Bioanalytics: detailed insight into bioprocesses 121

Seitz, W.R.

—, Rooney, M.T.V, Miele, E.W., Wang, H., Kaval, N., Zhang, L., Doherty, S., Milde, S. and Lenda, J.

Derivatized, swellable polymer microspheres for chemical transduction 55

Smyth, M.R., see Killard, A.J. 109

Song, Y.

- and Lunte, C.E.

Calibration methods for microdialysis sampling in vivo: muscle and adipose tissue 143

Sosnitza, P., see Scheper, T. 121

Spichiger-Keller, U.E.

Ionophores, ligands and reactands 65

Stärk, E., see Scheper, T. 121

Strong, R., see Liu, H. 181

Sweedler, J.V., see Dahlgren, R.L. 13

Swinney, K.

-, Markov, D., Hankins, J. and Bornhop, D.J.

Micro-interferometric backscatter detection using a diode laser

Szpunar, J., see Łobiński, R. 321

Tendler, S.J.B., see Pope, L.H. 27

Troyer, K., see Wightman, R.M. 5

Ulber, R., see Scheper, T. 121

Valcárcel, M.

— and Ríos, A.

Reliability of analytical information in the XXIst century 425

Walmsley, A.D., see Haswell, S.J. 399

Wang, H., see Seitz, W.R. 55

Wang, X.

-, Li, Y. and Chang, W.

Mimicry of peroxidase by co-immobilization of 1-allylimidazole and hemin on N-isopropylacrylamide-based hydrogel 135

Watterson, J., see Piunno, P.A.E. 73

Wehrens, R.

—, Gelder, R. de, Kemperman, G.J., Zwanenburg, B. and Buydens, L.M.C.

Molecular challenges in modern chemometrics 413

Wightman, R. M.

-, Runnels, P. and Troyer, K.

Analysis of chemical dynamics in microenvironments 5

Williams, P.M., see Pope, L.H. 27 Worsfold, P. Preface 1 Wust, C.C., see Piunno, P.A.E. 73

Zagatto, E.A.

-, Reis, B.F., Oliveira, C.C., Sartini, R.P. and Arruda, M.A.Z.

Evolution of the commutation concept associated with the development of flow analysis 249

Zhang, L., see Seitz, W.R. 55
Zhang, S., see Killard, A.J. 109
Zhao, H., see Killard, A.J. 109
Zwanenburg, B., see Wehrens, R. 413

